

B1

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2001-264839
(43)Date of publication of application : 26.09.2001

1)Int.Cl. G03B 5/00

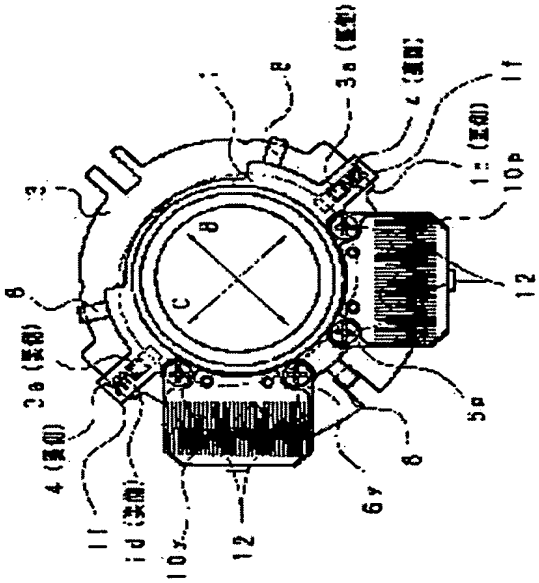
1)Application number : 2000-071984 (71)Applicant : CANON INC
2)Date of filing : 15.03.2000 (72)Inventor : SHINOHARA MITSURU

4) BLURRING CORRECTING DEVICE

7)Abstract:

ROBLEM TO BE SOLVED: To make a blurring correcting device enhanced in driving efficiency and controllability, also small in size and low cost even though the device has a configuration to hold a supporting frame to the almost center of an optical axis at the blurring correction non-driving state.

SOLUTION: This device has a first elastic member 4 provided between the supporting frame 1 and a regulating member 3 and to generate pressing force in a third direction (B direction) so that the supporting frame is held at the neutral point of the moving amount of the third direction to the regulating member and a second elastic member provided between the regulating member and a bottom board and to generate the pressing force in a fourth direction (C direction) so that the regulating member is held at the neutral point of the moving amount of the fourth direction to the bottom board, and the first elastic members are arranged at two positions symmetric to the optical axis so that elastic force is applied in a direction nearly in parallel with the third direction and passing through the optical axis, and the second elastic members are arranged at two positions symmetric to the optical axis so that the elastic force is applied in the direction nearly in parallel with the fourth direction and passing through the optical axis.



LEGAL STATUS

ate of request for examination]
ate of sending the examiner's decision of rejection]
ind of final disposal of application other than the
aminer's decision of rejection or application converted
gistration]
ate of final disposal for application]
atent number]
ate of registration]
umber of appeal against examiner's decision of
ection]
ate of requesting appeal against examiner's decision of

jection]
ate of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office

(19) 日本国特許庁 (J P)

(12) 公開特許公報 (A)

(11) 特許出願公開番号
特開2001-264839
(P2001-264839A)

(43) 公開日 平成13年9月26日 (2001.9.26)

(51) Int. CL. G 0 3 B 5/00	識別記号	F I G 0 3 B 5/00	テ-マ-ト* (参考) J
-------------------------------	------	---------------------	------------------

審査請求 未請求 請求項の数 6 O L (全 10 頁)

(21) 出願番号 特願2000-71934(P2000-71934)

(22) 出願日 平成12年3月15日 (2000.3.15)

(71) 出願人 000001007

キヤノン株式会社

東京都大田区下丸子3丁目30番2号

(72) 発明者 徳原 充

東京都大田区下丸子3丁目30番2号 キヤ

ノン株式会社内

(74) 代理人 100088962

弁理士 中村 裕

(54) 【発明の名称】 振れ補正装置

(57) 【要約】

【課題】 振れ補正非駆動時に支持棒を略光軸中心に保持する構成を持ちながら、該装置の駆動効率、制御性を良好にし、かつ、該装置の小型化、低コスト化を図る。

【解決手段】 支持棒1と規制部材3の間に設けられ、支持棒を規制部材に対して第3の方向(B方向)の移動量の中立点に保持する為に前記第3の方向に付勢力を発生する第1の弾性部材4と、規制部材と地板の間に設けられ、規制部材を地板に対して第4の方向(C方向)の移動量の中立点に保持する為に前記第4の方向に付勢力を発生する第2の弾性部材とを有し、前記第1の弾性部材を、前記第3の方向に略平行でかつ光軸を通る方向に弾性力が働くように前記光軸に対して対称な位置に2ヶ所配置し、前記第2の弾性部材を、前記第4の方向に略

